

## EAST Search History

| Ref # | Hits | Search Query   | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|------|--|------------------------------|------------------|---------|------------------|
| S1    | 532  | "156"/\$.ccls. and overlap\$4 with mandrel   | US-PGPUB;<br>USPAT           | OR               | ON      | 2006/02/21 09:27 |
| S2    | 187  | ("156"/\$.ccls. and overlap\$4 with mandrel) and (expand\$4 or inflat\$4)  | US-PGPUB;<br>USPAT           | OR               | ON      | 2004/10/28 17:21 |
| S3    | 35   | US-4201144-\$.DID. OR US-4229838-\$.DID. OR US-4386566-\$.DID. OR US-4731073-\$.DID. OR US-5197976-\$.DID. OR US-5447152-\$.DID. OR US-5476506-\$.DID. OR US-5522881-\$.DID. OR US-5527353-\$.DID. OR US-5556414-\$.DID. OR US-5556426-\$.DID. OR US-5607478-\$.DID. OR US-5609624-\$.DID. OR US-5628782-\$.DID. OR US-5628786-\$.DID. OR US-5641373-\$.DID. OR US-5667523-\$.DID. OR US-5716395-\$.DID. OR US-5718973-\$.DID. OR US-5789047-\$.DID. OR US-5871538-\$.DID. OR US-5931865-\$.DID. OR US-5944750-\$.DID. OR US-5961545-\$.DID. OR US-5993489-\$.DID. OR US-6004348-\$.DID. OR US-6121042-\$.DID. OR US-6143022-\$.DID. OR US-6149681-\$.DID. OR US-6187054-\$.DID. OR US-6214039-\$.DID. OR US-6245099-\$.DID. OR US-6245100-\$.DID. OR US-6264684-\$.DID. OR US-6267834-\$.DID. | US-PGPUB;<br>USPAT           | OR               | ON      | 2004/10/29 15:45 |
| S4    | 1    | ("20030116260").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2004/10/28 17:22 |
| S5    | 4    | ("5102417"   "5749880"   "5843166"   "5928279").PN.  | USPAT                        | OR               | ON      | 2004/10/29 15:06 |
| S6    | 4    | "5931865".URPN.  | USPAT                        | OR               | ON      | 2004/10/29 15:44 |

## EAST Search History

|    |    |  |       |    |    |                  |
|----|----|--|-------|----|----|------------------|
| S7 | 65 | ("1324850"   "2372917"   "2983961"  <br>"4049762"   "4201144"   "4218420"  <br>"4229838"   "4319872"   "4386566"  <br>"4731073"   "5197976"   "5447152"  <br>"5476506"   "5522881"   "5527353"  <br>"5556414"   "5556426"   "5607478"  <br>"5609624"   "5628782"   "5628786"  <br>"5641373"   "5653745"   "5667523"  <br>"5716395"   "5718973"   "5789047"  <br>"5871538"   "5931865"   "5944750"  <br>"5961545"   "5962039"   "5993489"  <br>"6004348"   "6121042"   "6143022"  <br>"6149681"   "6187054"   "6214039"  <br>"6245099"   "6245100"   "6264684"  <br>"6267834"   "6280467"   "6296661"  <br>"6306164"   "6312458"   "6312462"  <br>"6319279"   "6344055"   "6357104"  <br>"6361637"   "6364904"   "6368347"  <br>"6398803"   "6402779"   "6425855"  <br>"6428571"   "6443981"   "6451047"  <br>"6523576"   "6540780"   "6547814"  <br>"6547815"   "6558414"  <br>"2001/0023370"   "2001/0036522"  <br>"2001/0039446"   "2001/0049550"  <br>"2001/0053929"   "2002/0002397"  <br>"2002/0026231"   "2002/0032408"  <br>"2002/0040236"   "2002/0040237"  <br>"2002/0045931"   "2002/0055768"  <br>"2002/0099435"   "2002/0111667"  <br>"2002/0138129"   "2002/0156521"  <br>"2002/0173836"   "2003/0006528"  <br>"2003/0009211"   "2003/0097174").<br>PN. | USPAT | OR | ON | 2004/10/29 15:45 |
|----|----|--|-------|----|----|------------------|

## EAST Search History

|    |    |  |                    |    |    |                  |
|----|----|--|--------------------|----|----|------------------|
| S8 | 35 | US-4201144-\$.DID. OR US-4229838-\$.DID. OR US-4386566-\$.DID. OR US-4731073-\$.DID. OR US-5197976-\$.DID. OR US-5447152-\$.DID. OR US-5476506-\$.DID. OR US-5522881-\$.DID. OR US-5527353-\$.DID. OR US-5556414-\$.DID. OR US-5556426-\$.DID. OR US-5607478-\$.DID. OR US-5609624-\$.DID. OR US-5628782-\$.DID. OR US-5628786-\$.DID. OR US-5641373-\$.DID. OR US-5667523-\$.DID. OR US-5716395-\$.DID. OR US-5718973-\$.DID. OR US-5789047-\$.DID. OR US-5871538-\$.DID. OR US-5931865-\$.DID. OR US-5944750-\$.DID. OR US-5961545-\$.DID. OR US-5993489-\$.DID. OR US-6004348-\$.DID. OR US-6121042-\$.DID. OR US-6143022-\$.DID. OR US-6149681-\$.DID. OR US-6187054-\$.DID. OR US-6214039-\$.DID. OR US-6245099-\$.DID. OR US-6245100-\$.DID. OR US-6264684-\$.DID. OR US-6267834-\$.DID. | US-PGPUB;<br>USPAT | OR | ON | 2004/10/29 15:45 |
|----|----|--|--------------------|----|----|------------------|

## EAST Search History

|    |    |  |                    |    |    |                  |
|----|----|--|--------------------|----|----|------------------|
| S9 | 30 | ("1324850"   "2372917"   "2983961"<br>  "4049762"   "4201144"   "4218420"  <br>"4229838"   "4319872"   "4386566"  <br>"4731073"   "5197976"   "5447152"  <br>"5476506"   "5522881"   "5527353"  <br>"5556414"   "5556426"   "5607478"  <br>"5609624"   "5628782"   "5628786"  <br>"5641373"   "5653745"   "5667523"  <br>"5716395"   "5718973"   "5789047"  <br>"5871538"   "5931865"   "5944750"  <br>"5961545"   "5962039"   "5993489"  <br>"6004348"   "6121042"   "6143022"  <br>"6149681"   "6187054"   "6214039"  <br>"6245099"   "6245100"   "6264684"  <br>"6267834"   "6280467"   "6296661"  <br>"6306164"   "6312458"   "6312462"  <br>"6319279"   "6344055"   "6357104"  <br>"6361637"   "6364904"   "6368347"  <br>"6398803"   "6402779"   "6425855"  <br>"6428571"   "6443981"   "6451047"  <br>"6523576"   "6540780"   "6547814"  <br>"6547815"   "6558414"  <br>"2001/0023370"   "2001/0036522"  <br>"2001/0039446"   "2001/0049550"  <br>"2001/0053929"   "2002/0002397"  <br>"2002/0026231"   "2002/0032408"  <br>"2002/0040236"   "2002/0040237"  <br>"2002/0045931"   "2002/0055768"  <br>"2002/0099435"   "2002/0111667"  <br>"2002/0138129"   "2002/0156521"  <br>"2002/0173836"   "2003/0006528"  <br>"2003/0009211"   "2003/0097174").<br>PN.) not (US-4201144-\$.DID. OR<br>US-4229838-\$.DID. OR US-4386566-\$.<br>DID. OR US-4731073-\$.DID. OR<br>US-5197976-\$.DID. OR US-5447152-\$.<br>DID. OR US-5476506-\$.DID. OR<br>US-5522881-\$.DID. OR US-5527353-\$.<br>DID. OR US-5556414-\$.DID. OR<br>US-5556426-\$.DID. OR US-5607478-\$.<br>DID. OR US-5609624-\$.DID. OR<br>US-5628782-\$.DID. OR US-5628786-\$.<br>DID. OR US-5641373-\$.DID. OR<br>US-5667523-\$.DID. OR US-5716395-\$.<br>DID. OR US-5718973-\$.DID. OR<br>US-5789047-\$.DID. OR US-5871538-\$.<br>DID. OR US-5931865-\$.DID. OR<br>US-5944750-\$.DID. OR US-5961545-\$.<br>DID. OR US-5993489-\$.DID. OR<br>US-6004348-\$.DID. OR US-6121042-\$.<br>DID. OR US-6143022-\$.DID. OR<br>US-6149681-\$.DID. OR US-6187054-\$.<br>DID. OR US-6214039-\$.DID. OR<br>US-6245099-\$.DID. OR US-6245100-\$.<br>DID. OR US-6264684-\$.DID. OR<br>US-6267834-\$.DID.) | US-PGPUB;<br>USPAT | OR | ON | 2004/10/29 16:13 |
|----|----|--|--------------------|----|----|------------------|

## EAST Search History

|     |     |   |                    |    |    |                  |
|-----|-----|---|--------------------|----|----|------------------|
| S10 | 23  | ("3435824"   "5100429"   "5108370"   "5151105"   "5156620"   "5275622"   "5328471"   "5330528"   "5360443"   "5423851"   "5441485"   "5489295"   "5545135"   "5554180"   "5607468"   "5613948"   "5665117"   "5693088"   "5800512"   "5871537"   "6036724"   "6045496"   "6053939").PN. | USPAT              | OR | ON | 2004/10/29 15:48 |
| S11 | 20  | ("4195623"   "4195637"   "4271839"   "4386601"   "4508112"   "4577631"   "4649914"   "4733665"   "4739762"   "4740207"   "4762130"   "4769029"   "4774949"   "4776337"   "4787899"   "4793348"   "4795458"   "4877025"   "4955895"   "5156620").PN.                                     | USPAT              | OR | ON | 2004/10/29 16:09 |
| S12 | 7   | ("1245325"   "3438375"   "4030503"   "4515587"   "4573966"   "4681564"   "4706671").PN.   | USPAT              | OR | ON | 2004/10/29 16:10 |
| S13 | 190 | "4762130".URPN.   | USPAT              | OR | ON | 2004/10/29 16:11 |
| S14 | 60  | "4762130".URPN. and mandrel   | US-PGPUB;<br>USPAT | OR | ON | 2004/10/29 16:42 |
| S15 | 7   | "5607468".URPN.   | USPAT              | OR | ON | 2004/10/29 16:41 |

## EAST Search History

|                    |   |  |       |    |    |                  |
|--------------------|---|--|-------|----|----|------------------|
| S16                | 224   | ("3105492"   "3868956"   "3993078"  <br>"4130904"   "4718907"   "4816339"  <br>"4879135"   "4892539"   "4902289"  <br>"4986831"   "5024671"   "5037377"  <br>"5047050"   "5059166"   "5062829"  <br>"5064435"   "5078736"   "5084065"  <br>"5100429"   "5104403"   "5116360"  <br>"5156623"   "5163951"   "5163958"  <br>"5176617"   "5180366"   "5192311"  <br>"5197977"   "5234457"   "5236446"  <br>"5279594"   "5282860"   "5289831"  <br>"5290271"   "5302168"   "5354329"  <br>"5356433"   "5370682"   "5380299"  <br>"5382259"   "5383927"   "5411550"  <br>"5413597"   "5415619"   "5419760"  <br>"5443458"   "5443496"   "5449382"  <br>"5464419"   "5464438"   "5464450"  <br>"5476509"   "5499995"   "5500013"  <br>"5507770"   "5522882"   "5527353"  <br>"5534024"   "5549663"   "5549664"  <br>"5551954"   "5554180"   "5554182"  <br>"5556414"   "5562727"   "5571166"  <br>"5571170"   "5571171"   "5571173"  <br>"5575818"   "5578071"   "5578072"  <br>"5578075"   "5599352"   "5607442"  <br>"5607468"   "5609629"   "5624411"  <br>"5626611"   "5628786"   "5628787"  <br>"5628788"   "5629077"   "5630840"  <br>"5632776"   "5632840"   "5637113"  <br>"5645559"   "5649951"   "5649977"  <br>"5651174"   "5665114"   "5674241"  <br>"5674277"   "5679400"   "5681345"  <br>"5683448"   "5685306"   "5690670"  <br>"5693085"   "5697967"   "5700285"  <br>"5700287"   "5707385"   "5711763"  <br>"5713949"   "5716394"   "5716660"  <br>"5718723"   "5718726"   "5723004"  <br>"5725567"   "5725570"   "5725572"  <br>"5733327"   "5735892"   "5735897"  <br>"5741324"   "5741325"   "5741327"  <br>"5749880"   "5755774"   "5766710"  <br>"5776184"   "5779729"   "5782908"  <br>"5782910"   "5800511"   "5800512"  <br>"5814063"   "5824038"   "5824042"  <br>"5824043"   "5824045"   "5824049"  <br>"5824050"   "5824056"   "5824077"  <br>"5827327"   "5837008"   "5843089"  <br>"5843161"   "5843166"   "5843172"  <br>"5851217"   "5851230"   "5851231"  <br>"5851232"   "5871436"   "5871437"  <br>"5871535"   "5871538"   "5876433"  <br>"5882335"   "5891191"   "5895407"  <br>"5897587"   "5897589"   "5899935"  <br>"5902266"   "5911753"   "5916264"  <br>"5919126"   "5925075"   "5928279"  <br>"5951586"   "5954693"   "5957974"  <br>"5961545"   "5968070"   "5968091"  <br>"5972027"   "5976169"   "5980551"  <br>"5980555"   "5980555"   "5980555" | USPAT | OR | ON | 2004/10/29 16:42 |
| 2/28/06 1:58:01 PM | C:\Documents and Settings\Bjorn\My Documents\FAST\Workspaces\10029557.wsp |  |       |    |    | Page 6           |

## EAST Search History

|                    |   |   |                    |    |    |                  |
|--------------------|---|---|--------------------|----|----|------------------|
| S17                | 89  | (("3105492"   "3868956"   "3993078"<br>  "4130904"   "4718907"   "4816339"  <br>"4879135"   "4892539"   "4902289"  <br>"4986831"   "5024671"   "5037377"  <br>"5047050"   "5059166"   "5062829"  <br>"5064435"   "5078736"   "5084065"  <br>"5100429"   "5104403"   "5116360"  <br>"5156623"   "5163951"   "5163958"  <br>"5176617"   "5180366"   "5192311"  <br>"5197977"   "5234457"   "5236446"  <br>"5279594"   "5282860"   "5289831"  <br>"5290271"   "5302168"   "5354329"  <br>"5356433"   "5370682"   "5380299"  <br>"5382259"   "5383927"   "5411550"  <br>"5413597"   "5415619"   "5419760"  <br>"5443458"   "5443496"   "5449382"  <br>"5464419"   "5464438"   "5464450"  <br>"5476509"   "5499995"   "5500013"  <br>"5507770"   "5522882"   "5527353"  <br>"5534024"   "5549663"   "5549664"  <br>"5551954"   "5554180"   "5554182"  <br>"5556414"   "5562727"   "5571166"  <br>"5571170"   "5571171"   "5571173"  <br>"5575818"   "5578071"   "5578072"  <br>"5578075"   "5599352"   "5607442"  <br>"5607468"   "5609629"   "5624411"  <br>"5626611"   "5628786"   "5628787"  <br>"5628788"   "5629077"   "5630840"  <br>"5632776"   "5632840"   "5637113"  <br>"5645559"   "5649951"   "5649977"  <br>"5651174"   "5665114"   "5674241"  <br>"5674277"   "5679400"   "5681345"  <br>"5683448"   "5685306"   "5690670"  <br>"5693085"   "5697967"   "5700285"  <br>"5700287"   "5707385"   "5711763"  <br>"5713949"   "5716394"   "5716660"  <br>"5718723"   "5718726"   "5723004"  <br>"5725567"   "5725570"   "5725572"  <br>"5733327"   "5735892"   "5735897"  <br>"5741324"   "5741325"   "5741327"  <br>"5749880"   "5755774"   "5766710"  <br>"5776184"   "5779729"   "5782908"  <br>"5782910"   "5800511"   "5800512"  <br>"5814063"   "5824038"   "5824042"  <br>"5824043"   "5824045"   "5824049"  <br>"5824050"   "5824056"   "5824077"  <br>"5827327"   "5837008"   "5843089"  <br>"5843161"   "5843166"   "5843172"  <br>"5851217"   "5851230"   "5851231"  <br>"5851232"   "5871436"   "5871437"  <br>"5871535"   "5871538"   "5876433"  <br>"5882335"   "5891191"   "5895407"  <br>"5897587"   "5897589"   "5899935"  <br>"5902266"   "5911753"   "5916264"  <br>"5919126"   "5925075"   "5928279"  <br>"5951586"   "5954693"   "5957974"  <br>"5961545"   "5968070"   "5968091"  <br>"5972027"   "5976169"   "5980551"  <br>"5980565"   "5980566"   "5980567" | US-PGPUB;<br>USPAT | OR | ON | 2004/10/29 16:43 |
| 2/28/06 1:58:01 PM | C:\Documents and Settings\Bjorn\My Documents\FAST\Workspaces\10029557.wsp |   |                    |    |    | Page 7           |

## EAST Search History

|                    |   |   |                    |    |    |                  |
|--------------------|---|---|--------------------|----|----|------------------|
| S18                | 89  | ((( "3105492"   "3868956"   "3993078"<br>  "4130904"   "4718907"   "4816339"  <br>"4879135"   "4892539"   "4902289"  <br>"4986831"   "5024671"   "5037377"  <br>"5047050"   "5059166"   "5062829"  <br>"5064435"   "5078736"   "5084065"  <br>"5100429"   "5104403"   "5116360"  <br>"5156623"   "5163951"   "5163958"  <br>"5176617"   "5180366"   "5192311"  <br>"5197977"   "5234457"   "5236446"  <br>"5279594"   "5282860"   "5289831"  <br>"5290271"   "5302168"   "5354329"  <br>"5356433"   "5370682"   "5380299"  <br>"5382259"   "5383927"   "5411550"  <br>"5413597"   "5415619"   "5419760"  <br>"5443458"   "5443496"   "5449382"  <br>"5464419"   "5464438"   "5464450"  <br>"5476509"   "5499995"   "5500013"  <br>"5507770"   "5522882"   "5527353"  <br>"5534024"   "5549663"   "5549664"  <br>"5551954"   "5554180"   "5554182"  <br>"5556414"   "5562727"   "5571166"  <br>"5571170"   "5571171"   "5571173"  <br>"5575818"   "5578071"   "5578072"  <br>"5578075"   "5599352"   "5607442"  <br>"5607468"   "5609629"   "5624411"  <br>"5626611"   "5628786"   "5628787"  <br>"5628788"   "5629077"   "5630840"  <br>"5632776"   "5632840"   "5637113"  <br>"5645559"   "5649951"   "5649977"  <br>"5651174"   "5665114"   "5674241"  <br>"5674277"   "5679400"   "5681345"  <br>"5683448"   "5685306"   "5690670"  <br>"5693085"   "5697967"   "5700285"  <br>"5700287"   "5707385"   "5711763"  <br>"5713949"   "5716394"   "5716660"  <br>"5718723"   "5718726"   "5723004"  <br>"5725567"   "5725570"   "5725572"  <br>"5733327"   "5735892"   "5735897"  <br>"5741324"   "5741325"   "5741327"  <br>"5749880"   "5755774"   "5766710"  <br>"5776184"   "5779729"   "5782908"  <br>"5782910"   "5800511"   "5800512"  <br>"5814063"   "5824038"   "5824042"  <br>"5824043"   "5824045"   "5824049"  <br>"5824050"   "5824056"   "5824077"  <br>"5827327"   "5837008"   "5843089"  <br>"5843161"   "5843166"   "5843172"  <br>"5851217"   "5851230"   "5851231"  <br>"5851232"   "5871436"   "5871437"  <br>"5871535"   "5871538"   "5876433"  <br>"5882335"   "5891191"   "5895407"  <br>"5897587"   "5897589"   "5899935"  <br>"5902266"   "5911753"   "5916264"  <br>"5919126"   "5925075"   "5928279"  <br>"5951586"   "5954693"   "5957974"  <br>"5961545"   "5968070"   "5968091"  <br>"5972027"   "5976169"   "5980551"  <br>"5980555"   "5980556"   "5980557" | US-PGPUB;<br>USPAT | OR | ON | 2004/10/29 16:43 |
| 2/28/06 1:58:01 PM | C:\Documents and Settings\Bjmusser1\My Documents\EAST\Workspaces\10029557.wsp |   |                    |    |    | Page 8           |



## EAST Search History

|     |     |   |       |    |    |                  |
|-----|-----|---|-------|----|----|------------------|
| S19 | 139 | ("3818511"   "3902198"   "3991797"  <br>"4140126"   "4183102"   "4187390"  <br>"4208745"   "4459252"   "4474630"  <br>"4497074"   "4550447"   "4552707"  <br>"4562596"   "4592754"   "4617932"  <br>"4647416"   "4665906"   "4705517"  <br>"4787899"   "4816028"   "4941870"  <br>"4957669"   "5100422"   "5104399"  <br>"5104400"   "5108424"   "5151105"  <br>"5156620"   "5207695"   "5219355"  <br>"5275622"   "5282847"   "5316023"  <br>"5330528"   "5344444"   "5354310"  <br>"5360443"   "5366504"   "5370682"  <br>"5370691"   "5387235"   "5397345"  <br>"5405379"   "5423851"   "5456713"  <br>"5464419"   "5464449"   "5489295"  <br>"5507769"   "5507770"   "5522880"  <br>"5527355"   "5529653"   "5534024"  <br>"5536274"   "5554180"   "5562724"  <br>"5562726"   "5562728"   "5575817"  <br>"5578071"   "5578072"   "5607468"  <br>"5607478"   "5609624"   "5609628"  <br>"5628783"   "5628788"   "5632840"  <br>"5653746"   "5662700"   "5665115"  <br>"5665117"   "5667523"   "5669936"  <br>"5676671"   "5676696"   "5676697"  <br>"5683449"   "5683453"   "5693084"  <br>"5693087"   "5693088"   "5697968"  <br>"5707378"   "5709701"   "5709703"  <br>"5718159"   "5718973"   "5720776"  <br>"5733325"   "5747128"   "5749880"  <br>"5769887"   "5785679"   "5788626"  <br>"5800512"   "5827320"   "5843158"  <br>"5843160"   "5843167"   "5843170"  <br>"5871536"   "5871537"   "5926650"  <br>"5961546"   "5968090"   "5976179"  <br>"5976650"   "5984956"   "5993481"  <br>"6004347"   "6007575"   "6015431"  <br>"6025044"   "6027811"   "6036723"  <br>"6053943"   "6059823"   "6063114"  <br>"6098630"   "6102938"   "6102940"  <br>"6110198"   "6124523"   "6126685"  <br>"6132459"   "6143015"   "6149682"  <br>"6152956"   "6153292"   "6156063"  <br>"6165211"   "6165212"   "6165213"  <br>"6165214"   "6183504"   "6210435"  <br>"6221102").PN. | USPAT | OR | ON | 2004/10/29 16:46 |
|-----|-----|---|-------|----|----|------------------|

## EAST Search History

|     |       |   |                              |    |     |                  |
|-----|-------|---|------------------------------|----|-----|------------------|
| S20 | 24    | ("4195623"   "4195637"   "4271839"   "4386601"   "4508112"   "4577631"   "4649914"   "4733665"   "4739762"   "4740207"   "4762130"   "4769029"   "4774949"   "4776337"   "4787899"   "4793348"   "4795458"   "4877025"   "4955895"   "5102417"   "5156620"   "5192311"   "5330528"   "5464419").PN. | USPAT                        | OR | ON  | 2004/10/29 16:50 |
| S21 | 33    | "5554180".URPN.   | USPAT                        | OR | ON  | 2004/10/29 16:51 |
| S22 | 22    | ("4195623"   "4195637"   "4271839"   "4386601"   "4508112"   "4577631"   "4649914"   "4733665"   "4739762"   "4740207"   "4762130"   "4769029"   "4774949"   "4776337"   "4787899"   "4793348"   "4795458"   "4877025"   "4955895"   "5102417"   "5156620"   "5330528").PN.                         | USPAT                        | OR | ON  | 2004/10/29 16:53 |
| S23 | 4     | "6395019".URPN.   | USPAT                        | OR | ON  | 2004/10/29 16:54 |
| S24 | 4     | "6312462".URPN.   | USPAT                        | OR | ON  | 2004/10/29 16:55 |
| S25 | 1727  | ((156/184) or (156/190) or (156/217) or (156/218)).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/29 17:00 |
| S26 | 733   | ((623/1.12) or (623/1.13)).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/29 17:00 |
| S27 | 24    | (623/1.27).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/29 17:01 |
| S28 | 20    | ((((156/184) or (156/190) or (156/217) or (156/218)).CCLS.) and (stent or graft)  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/06/10 16:22 |
| S29 | 20573 | (inflated or inflate or inflating or expanding or expand or expanded) with (cure or curing or cured or fix or fixing or fixed)  | US-PGPUB;<br>USPAT           | OR | ON  | 2004/12/10 18:33 |
| S30 | 2433  | S29 and (graft or medical)  | US-PGPUB;<br>USPAT           | OR | ON  | 2004/11/18 15:14 |
| S31 | 22593 | (inflated or inflate or inflating or expanding or expand or expanded) with (cure or curing or cured or fix or fixing or fixed or fuse or fused or fusing)   | US-PGPUB;<br>USPAT           | OR | ON  | 2004/11/18 15:29 |
| S32 | 1074  | S31 and graft   | US-PGPUB;<br>USPAT           | OR | ON  | 2004/11/18 15:15 |
| S33 | 1509  | S31 and (graft or stent)  | US-PGPUB;<br>USPAT           | OR | ON  | 2004/11/18 15:29 |

## EAST Search History

|     |       |  |                   |    |     |                  |
|-----|-------|--|-------------------|----|-----|------------------|
| S34 | 1221  | S33 and ("156"/\$.ccls. or "264"/\$.ccls. or "601"/\$.ccls. or "600"/\$.ccls. or "602"/\$.ccls. or "604"/\$.ccls. or "606"/\$.ccls. or "607"/\$.ccls. or "623"/\$.ccls.) | US-PGPUB; USPAT   | OR | ON  | 2004/11/18 15:22 |
| S35 | 1084  | S34 and (@ad<"20011220" or @rlad<"20011220")   | US-PGPUB; USPAT   | OR | ON  | 2004/11/18 15:21 |
| S36 | 7213  | (inflated or inflate or inflating or expanding or expand or expanded) with (cure or curing or cured or fuse or fused or fusing)  | US-PGPUB; USPAT   | OR | ON  | 2004/11/18 15:21 |
| S37 | 446   | S36 and (graft or stent)   | US-PGPUB; USPAT   | OR | ON  | 2004/11/18 15:21 |
| S38 | 397   | S37 and (@ad<"20011220" or @rlad<"20011220")   | US-PGPUB; USPAT   | OR | ON  | 2004/11/18 15:29 |
| S39 | 232   | S38 and ("156"/\$.ccls. or "264"/\$.ccls. or "601"/\$.ccls. or "600"/\$.ccls. or "602"/\$.ccls. or "604"/\$.ccls. or "606"/\$.ccls. or "607"/\$.ccls. or "623"/\$.ccls.) | US-PGPUB; USPAT   | OR | ON  | 2004/11/18 15:30 |
| S40 | 10167 | (inflated or inflate or inflating or expanding or expand or expanded) near5 (cure or curing or cured or fix or fixing or fixed or fuse or fused or fusing)               | US-PGPUB; USPAT   | OR | ON  | 2004/11/18 15:29 |
| S41 | 736   | S40 and (graft or stent)   | US-PGPUB; USPAT   | OR | ON  | 2004/11/18 15:29 |
| S42 | 635   | S41 and (@ad<"20011220" or @rlad<"20011220")   | US-PGPUB; USPAT   | OR | ON  | 2004/11/18 15:29 |
| S43 | 483   | S42 and ("156"/\$.ccls. or "264"/\$.ccls. or "601"/\$.ccls. or "600"/\$.ccls. or "602"/\$.ccls. or "604"/\$.ccls. or "606"/\$.ccls. or "607"/\$.ccls. or "623"/\$.ccls.) | US-PGPUB; USPAT   | OR | ON  | 2004/11/18 15:32 |
| S44 | 299   | S43 and (endovascular or vascular)   | US-PGPUB; USPAT   | OR | ON  | 2004/11/18 15:32 |
| S45 | 3170  | (inflated or inflate or inflating) with (cure or curing or cured or fix or fixing or fixed)  | US-PGPUB; USPAT   | OR | ON  | 2004/12/10 18:34 |
| S46 | 228   | S45 and (stent)  | US-PGPUB; USPAT   | OR | ON  | 2004/12/10 18:34 |
| S47 | 185   | inflat\$3 with mold\$3 and stent   | US-PGPUB; USPAT   | OR | ON  | 2004/12/12 19:13 |
| S48 | 1     | inflat\$3 with mold\$3 and stent   | EPO; JPO; DERWENT | OR | ON  | 2004/12/12 18:09 |
| S49 | 1431  | (156/292).CCLS.  | US-PGPUB; USPAT   | OR | OFF | 2004/12/12 17:59 |

## EAST Search History

|     |     |  |                              |    |    |                  |
|-----|-----|--|------------------------------|----|----|------------------|
| S50 | 55  | S49 and mandrel  | US-PGPUB;<br>USPAT           | OR | ON | 2004/12/12 17:59 |
| S51 | 88  | ("0699778"   "1374088"   "3576650"  <br>"3616033"   "3654012"   "3727788"  <br>"3755040"   "3783870"   "3801402"  <br>"3861977"   "3911918"   "4004322"  <br>"4004975"   "4076063"   "4105730"  <br>"4116338"   "4222379"   "4244364"  <br>"4253458"   "4294247"   "4453940"  <br>"4460365"   "4479918"   "4484920"  <br>"4505708"   "4519796"   "4550825"  <br>"4588401"   "4588554"   "4613640"  <br>"4619650"   "4630448"   "4645482"  <br>"4657542"   "4670013"   "4714680"  <br>"4747844"   "4820297"   "4822346"  <br>"4854737"   "4910147"   "4915847"  <br>"4937194"   "4994021"   "4997083"  <br>"5004681"   "5018622"   "5038938"  <br>"5045076"   "5053025"   "5055198"  <br>"5061620"   "5066290"   "5100401"  <br>"5114421"   "5114672"   "5135762"  <br>"5163554"   "5171234"   "5171527"  <br>"5176258"   "5188620"   "5192553"  <br>"5226564"   "5257983"   "5300059"  <br>"5306269"   "5348549"   "5356373"  <br>"5375701"   "5379895"   "5411499"  <br>"5423794"   "5439100"   "5460625"  <br>"5474169"   "5485919"   "5486390"  <br>"5622867"   "5789147"   "5871477"  <br>"5954958"   "6213334"   "RE31135").<br>PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2004/12/12 18:01 |
| S52 | 0   | ("6361642").URPN.  | USPAT                        | OR | ON | 2004/12/12 18:04 |
| S53 | 2   | S49 and stent  | US-PGPUB;<br>USPAT           | OR | ON | 2004/12/12 18:04 |
| S54 | 7   | pressure with mold\$3 and stent  | EPO; JPO;<br>DERWENT         | OR | ON | 2004/12/12 18:17 |
| S55 | 313 | pressure with mold\$3 and stent  | US-PGPUB;<br>USPAT           | OR | ON | 2004/12/12 18:09 |
| S56 | 0   | S49 and catheter   | US-PGPUB;<br>USPAT           | OR | ON | 2004/12/12 18:23 |
| S57 | 11  | S49 and catheter   | US-PGPUB;<br>USPAT           | OR | ON | 2004/12/12 18:18 |
| S58 | 25  | chobotov-\$.in.  | US-PGPUB;<br>USPAT           | OR | ON | 2004/12/12 18:25 |
| S59 | 25  | S58 and (inflat\$3 or pressure or<br>mandrel)  | US-PGPUB;<br>USPAT           | OR | ON | 2004/12/12 18:52 |
| S60 | 25  | S58 and (pressure or mandrel)  | US-PGPUB;<br>USPAT           | OR | ON | 2004/12/12 18:26 |

## EAST Search History

|     |      |   |                    |    |    |                  |
|-----|------|---|--------------------|----|----|------------------|
| S61 | 3    | S58 and (mandrel)   | US-PGPUB;<br>USPAT | OR | ON | 2004/12/12 18:26 |
| S62 | 539  | ("156"/\$.ccls. or "264"/\$.ccls.) and<br>mold\$3 and catheter  | US-PGPUB;<br>USPAT | OR | ON | 2004/12/12 18:53 |
| S63 | 496  | inflat\$3 with mold\$3 and catheter   | US-PGPUB;<br>USPAT | OR | ON | 2004/12/12 19:13 |
| S64 | 1012 | (S55 or S62 or S63) and (bond\$3 or<br>adher\$3 or fix or fixing or fixed or<br>adhesive)   | US-PGPUB;<br>USPAT | OR | ON | 2004/12/12 19:15 |
| S65 | 674  | (S55 or S62 or S63) and (bond\$3 or<br>adher\$3 or fix or fixing or fixed or<br>adhesive) same (mold\$3 or inflat\$3)   | US-PGPUB;<br>USPAT | OR | ON | 2004/12/12 19:16 |
| S66 | 603  | S65 and (@ad<"20011220" or<br>@rlad<"20011220")   | US-PGPUB;<br>USPAT | OR | ON | 2004/12/12 19:17 |
| S67 | 486  | S66 not S47   | US-PGPUB;<br>USPAT | OR | ON | 2004/12/12 19:48 |
| S68 | 35   | US-4201144-\$.DID. OR US-4229838-\$.<br>DID. OR US-4386566-\$.DID. OR<br>US-4731073-\$.DID. OR US-5197976-\$.<br>DID. OR US-5447152-\$.DID. OR<br>US-5476506-\$.DID. OR US-5522881-\$.<br>DID. OR US-5527353-\$.DID. OR<br>US-5556414-\$.DID. OR US-5556426-\$.<br>DID. OR US-5607478-\$.DID. OR<br>US-5609624-\$.DID. OR US-5628782-\$.<br>DID. OR US-5628786-\$.DID. OR<br>US-5641373-\$.DID. OR US-5667523-\$.<br>DID. OR US-5716395-\$.DID. OR<br>US-5718973-\$.DID. OR US-5789047-\$.<br>DID. OR US-5871538-\$.DID. OR<br>US-5931865-\$.DID. OR US-5944750-\$.<br>DID. OR US-5961545-\$.DID. OR<br>US-5993489-\$.DID. OR US-6004348-\$.<br>DID. OR US-6121042-\$.DID. OR<br>US-6143022-\$.DID. OR US-6149681-\$.<br>DID. OR US-6187054-\$.DID. OR<br>US-6214039-\$.DID. OR US-6245099-\$.<br>DID. OR US-6245100-\$.DID. OR<br>US-6264684-\$.DID. OR US-6267834-\$.<br>DID. | US-PGPUB;<br>USPAT | OR | ON | 2004/12/12 19:49 |
| S69 | 17   | S68 and (inflat\$3)   | US-PGPUB;<br>USPAT | OR | ON | 2004/12/12 19:53 |

## EAST Search History

|     |    |  |                 |    |     |                  |
|-----|----|--|-----------------|----|-----|------------------|
| S70 | 21 | US-6280467-\$.DID. OR US-6296661-\$.DID. OR US-6306164-\$.DID. OR US-6312458-\$.DID. OR US-6312462-\$.DID. OR US-6319279-\$.DID. OR US-6344055-\$.DID. OR US-6357104-\$.DID. OR US-6361637-\$.DID. OR US-6364904-\$.DID. OR US-6368347-\$.DID. OR US-6398803-\$.DID. OR US-6402779-\$.DID. OR US-6425855-\$.DID. OR US-6428571-\$.DID. OR US-6443981-\$.DID. OR US-6451047-\$.DID. OR US-6540780-\$.DID. OR US-6547814-\$.DID. OR US-6547815-\$.DID. OR US-6558414-\$.DID. | US-PGPUB; USPAT | OR | ON  | 2004/12/12 19:54 |
| S71 | 3  | ((("20010002370") or ("20010036522") or ("20010039446")).PN.   | US-PGPUB; USPAT | OR | OFF | 2004/12/12 19:58 |
| S72 | 19 | ("20010036522" "20010039446" "20010049550" "20010053929" "20020002397" "20020026231" "20020032408" "20020040236" "20020040237" "20020045931" "20020055768" "20020099435" "20020111667" "20020138129" "20020156521" "20020173836" "20030006528" "20030009211" "20030097174").PN.  | US-PGPUB; USPAT | OR | ON  | 2004/12/12 20:13 |
| S73 | 92 | stylus with heat and stylus with (move or moving or translat\$3)   | US-PGPUB; USPAT | OR | ON  | 2004/12/13 10:00 |
| S74 | 37 | S73 and automat\$6   | US-PGPUB; USPAT | OR | ON  | 2004/12/13 10:00 |

## EAST Search History

|     |     |   |                    |    |    |                  |
|-----|-----|---|--------------------|----|----|------------------|
| S75 | 139 | ("1324850" "2372917" "2983961" "4049762" "4183102" "4319872" "4434797" "4481323" "4482516" "4655769" "4941870" "5122154" "5151105" "5304200" "5334201" "5370691" "5387235" "5464419" "5507770" "5534024" "5653745" "5697968" "5700285" "5741324" "5769885" "5782904" "5788626" "5962039" "5972441" "5976192" "6007575" "6027779" "6027811" "6045557" "6149665" "6251133" "6287330" "6315791" "6436134" "6454796" "6551350" "6652570" "6696666" "6706064" "20020116048" "20020143381" "20020169499" "20030216802" "20040024446" "20040082989" "5554180" "6001123" "6025044" "6124523" "6197049" "6319276" "6346118" "6395019" "6416537" "6436135" "6523576" "6582458" "6602280" "6689159" "6733521" "20020111633" "5718159" "5749920" "6017364" "6053943" "6520984" "20020019665" "20030074048" "4580568" "5226913" "5529653" "5562727" "5632772" "5735892" "5783008" "6126685" "6322587" "6540778" "20010027338" "20020040235" "20030093145" "3631854" "4218420" "4705517" "5632840" "5665117" "5693088" "5713917" "5858556" "5976650" "5997573" "6143015" "6440165" "6451050" "6475238" "6554858" "20020065552" "20020091440" "20020098105" "20020098278" "20020099436" "20030074058" "20030125797" "20040049264" "3991767" "4732629" "4957669" "5156620" "5234447" "5330528" "5411550" "5423851" "5628783" "5782909" "5827320" "5871537" "5957973" "6059823" "6132457" "6159237" "6187036" "6203568" "6210434" "6293968" "6331191" "6336937" "6406489" "6413270" "6517574" "6579314" "6692523" "6761733" "20020096252" "20030004560").PN. | US-PGPUB;<br>USPAT | OR | ON | 2005/04/20 18:39 |
|-----|-----|---|--------------------|----|----|------------------|

## EAST Search History

|     |     |  |                              |    |    |                  |
|-----|-----|--|------------------------------|----|----|------------------|
| S76 | 142 | (("1324850" "2372917" "2983961" "4049762" "4183102" "4319872" "4434797" "4481323" "4482516" "4655769" "4941870" "5122154" "5151105" "5304200" "5334201" "5370691" "5387235" "5464419" "5507770" "5534024" "5653745" "5697968" "5700285" "5741324" "5769885" "5782904" "5788626" "5962039" "5972441" "5976192" "6007575" "6027779" "6027811" "6045557" "6149665" "6251133" "6287330" "6315791" "6436134" "6454796" "6551350" "6652570" "6696666" "6706064" "20020116048" "20020143381" "20020169499" "20030216802" "20040024446" "20040082989" "5554180" "6001123" "6025044" "6124523" "6197049" "6319276" "6346118" "6395019" "6416537" "6436135" "6523576" "6582458" "6602280" "6689159" "6733521" "20020111633" "5718159" "5749920" "6017364" "6053943" "6520984" "20020019665" "20030074048" "4580568" "5226913" "5529653" "5562727" "5632772" "5735892" "5783008" "6126685" "6322587" "6540778" "20010027338" "20020040235" "20030093145" "3631854" "4218420" "4705517" "5632840" "5665117" "5693088" "5713917" "5858556" "5976650" "5997573" "6143015" "6440165" "6451050" "6475238" "6554858" "20020065552" "20020091440" "20020098105" "20020098278" "20020099436" "20030074058" "20030125797" "20040049264" "3991767" "4732629" "4957669" "5156620" "5234447" "5330528" "5411550" "5423851" "5628783" "5782909" "5827320" "5871537" "5957973" "6059823" "6132457" "6159237" "6187036" "6203568" "6210434" "6293968" "6331191" "6336937" "6406489" "6413270" "6517574" "6579314" "6692523" "6761733" "20020096252" "20030004560").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/04/20 18:39 |
| S77 | 47  | S76 and mandrel  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/04/20 18:39 |
| S78 | 15  | ("4341218"   "4638803"   "4776337"   "4800882"   "4881939"   "4886062"   "4923464"   "4950227"   "5041090"   "5135535"   "5139480"   "5156620"   "5163951"   "5171261"   "5226888").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/04/21 10:08 |



## EAST Search History

|     |      |  |                              |    |     |                  |
|-----|------|--|------------------------------|----|-----|------------------|
| S79 | 3    | S78 and mandrel  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/04/21 10:08 |
| S80 | 142  | ("1324850" "2372917" "2983961" "4049762" "4183102" "4319872" "4434797" "4481323" "4482516" "4655769" "4941870" "5122154" "5151105" "5304200" "5334201" "5370691" "5387235" "5464419" "5507770" "5534024" "5653745" "5697968" "5700285" "5741324" "5769885" "5782904" "5788626" "5962039" "5972441" "5976192" "6007575" "6027779" "6027811" "6045557" "6149665" "6251133" "6287330" "6315791" "6436134" "6454796" "6551350" "6652570" "6696666" "6706064" "20020116048" "20020143381" "20020169499" "20030216802" "20040024446" "20040082989" "5554180" "6001123" "6025044" "6124523" "6197049" "6319276" "6346118" "6395019" "6416537" "6436135" "6523576" "6582458" "6602280" "6689159" "6733521" "2002011633" "5718159" "5749920" "6017364" "6053943" "6520984" "20020019665" "20030074048" "4580568" "5226913" "5529653" "5562727" "5632772" "5735892" "5783008" "6126685" "6322587" "6540778" "20010027338" "20020040235" "20030093145" "3631854" "4218420" "4705517" "5632840" "5665117" "5693088" "5713917" "5858556" "5976650" "5997573" "6143015" "6440165" "6451050" "6475238" "6554858" "20020065552" "20020091440" "20020098105" "20020098278" "20020099436" "20030074058" "20030125797" "20040049264" "3991767" "4732629" "4957669" "5156620" "5234447" "5330528" "5411550" "5423851" "5628783" "5782909" "5827320" "5871537" "5957973" "6059823" "6132457" "6159237" "6187036" "6203568" "6210434" "6293968" "6331191" "6336937" "6406489" "6413270" "6517574" "6579314" "6692523" "6761733" "20020096252" "20030004560").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/04/21 10:31 |
| S81 | 798  | ((156/218) or (156/217)).CCLS.   | US-PGPUB;<br>USPAT           | OR | OFF | 2005/06/10 16:23 |
| S82 | 538  | (156/218).CCLS.  | US-PGPUB;<br>USPAT           | OR | OFF | 2005/06/10 16:24 |
| S83 | 1377 | ((156/147) or (156/145) or (156/184) or (156/194)).CCLS.   | US-PGPUB;<br>USPAT           | OR | OFF | 2005/06/10 16:52 |

## EAST Search History

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S84 | 489  | ((156/147) or (156/145)).CCLS.   | US-PGPUB;<br>USPAT                                    | OR | OFF | 2005/06/10 16:32 |
| S85 | 889  | ((156/184) or (156/194)).CCLS.   | US-PGPUB;<br>USPAT                                    | OR | OFF | 2005/06/10 16:26 |
| S86 | 1    | S84 and S85  | US-PGPUB;<br>USPAT                                    | OR | ON  | 2005/06/10 16:26 |
| S87 | 14   | S84 and mandrel  | US-PGPUB;<br>USPAT                                    | OR | ON  | 2005/06/10 16:32 |
| S88 | 3600 | ((156/147) or (156/145) or (156/184) or (156/194) or (156/285) or (156/287) or (156/189)).CCLS.              | US-PGPUB;<br>USPAT                                    | OR | OFF | 2005/06/10 17:49 |
| S89 | 410  | (156/215).CCLS.  | US-PGPUB;<br>USPAT                                    | OR | OFF | 2005/06/10 16:52 |
| S90 | 4908 | ((156/147) or (156/145) or (156/184) or (156/194) or (156/285) or (156/287) or (156/189)).CCLS.              | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2006/02/21 09:29 |
| S91 | 1775 | S90 and (filling or fill or inflat\$3 or expand\$3)  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2005/06/10 16:54 |
| S92 | 48   | S91 and medical  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2005/06/10 17:02 |
| S93 | 1408 | ((264/523) or (264/545) or (264/572) or (264/512)).CCLS.   | US-PGPUB;<br>USPAT                                    | OR | OFF | 2005/06/10 18:03 |
| S94 | 4856 | ((156/147) or (156/145) or (156/184) or (156/194) or (156/285) or (156/287) or (156/189) or (156/292)).CCLS. | US-PGPUB;<br>USPAT                                    | OR | OFF | 2005/06/10 17:49 |
| S95 | 7165 | ((156/147) or (156/145) or (156/184) or (156/194) or (156/285) or (156/287) or (156/189) or (156/292)).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/10 17:49 |
| S96 | 3986 | S95 and (filled or fill or filling or expand\$3 or inflat\$3 or air)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/06/10 17:50 |
| S97 | 2738 | S95 and (filled or fill or filling or expand\$3 or inflat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/06/10 17:50 |
| S98 | 547  | ((264/523) or (264/545)).CCLS.   | US-PGPUB;<br>USPAT                                    | OR | OFF | 2005/06/10 17:52 |
| S99 | 215  | (264/545).CCLS.  | US-PGPUB;<br>USPAT                                    | OR | OFF | 2005/06/10 17:52 |

## EAST Search History

|          |      |  |   |    |     |                  |
|----------|------|--|---|----|-----|------------------|
| S10<br>0 | 1242 | ((264/523) or (264/572) or (264/512)).CCLS.  | US-PGPUB;<br>USPAT                          | OR | OFF | 2005/06/12 11:48 |
| S10<br>1 | 3    | ((("5783008") or ("5534024") or ("4481323"))).PN.                                    | US-PGPUB;<br>USPAT                          | OR | OFF | 2005/06/10 18:31 |
| S10<br>2 | 489  | ((156/145) or (156/147)).CCLS.   | US-PGPUB;<br>USPAT                          | OR | OFF | 2005/06/10 18:31 |
| S10<br>3 | 668  | fixing with (stent or graft)   | US-PGPUB;<br>USPAT                          | OR | ON  | 2005/06/12 11:49 |
| S10<br>4 | 1648 | fixing same (stent or graft)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/06/12 11:49 |
| S10<br>5 | 370  | S104 and (fixing or fixed) with (artery or vein or body or capillary)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/06/12 11:50 |
| S10<br>6 | 278  | S104 and (fixing or fixed) near10 (artery or vein or body or capillary)              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/06/12 12:08 |
| S10<br>7 | 279  | S104 and (fixing or fixed or sinter\$3) near10 (artery or vein or body or capillary) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/06/12 12:08 |
| S10<br>8 | 1    | S107 not S106  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/06/12 13:33 |
| S10<br>9 | 2    | wo-9937242-\$.did.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/06/12 13:33 |

## EAST Search History

|          |      |  |  |    |     |                  |
|----------|------|--|--|----|-----|------------------|
| S11<br>0 | 88   | ("1324850"   "20010023370"  <br>"20010036522"   "20010039446"  <br>"20010049550"   "20010053929"  <br>"20020002397"   "20020026231"  <br>"20020032408"   "20020040236"  <br>"20020040237"   "20020045931"  <br>"20020055768"   "20020099435"  <br>"20020111667"   "20020138129"  <br>"20020156521"   "20020173836"  <br>"20030006528"   "20030009211"  <br>"20030097174"   "2372917"  <br>"2983961"   "4049762"   "4201144"  <br>"4218420"   "4229838"   "4319872"  <br>"4386566"   "4731073"   "5197976"  <br>"5447152"   "5476506"   "5522881"  <br>"5527353"   "5556414"   "5556426"  <br>"5607478"   "5609624"   "5628782"  <br>"5628786"   "5641373"   "5653745"  <br>"5667523"   "5716395"   "5718973"  <br>"5789047"   "5871538"   "5931865"  <br>"5944750"   "5961545"   "5962039"  <br>"5993489"   "6004348"   "6121042"  <br>"6143022"   "6149681"   "6187054"  <br>"6214039"   "6245099"   "6245100"  <br>"6264684"   "6267834"   "6280467"  <br>"6296661"   "6306164"   "6312458"  <br>"6312462"   "6319279"   "6344055"  <br>"6357104"   "6361637"   "6364904"  <br>"6368347"   "6398803"   "6402779"  <br>"6425855"   "6428571"   "6443981"  <br>"6451047"   "6523576"   "6540780"  <br>"6547814"   "6547815"   "6558414").<br>PN. | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON  | 2005/06/12 13:35 |
| S11<br>1 | 6262 | ((156/147) or (156/145) or (156/184)<br>or (156/194) or (156/285) or<br>(156/287) or (156/189) or (264/523)<br>or (264/572) or (264/512)).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR           | OR | OFF | 2006/02/08 14:32 |
| S11<br>2 | 100  | S111 and (graft or stent or cathet\$1r)  | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON  | 2005/06/12 15:49 |
| S11<br>3 | 2507 | (fixed or fix or fixing) with sinter\$3  | US-PGPUB;<br>USPAT                     | OR | ON  | 2006/02/08 10:08 |
| S11<br>4 | 66   | S113 and graft   | US-PGPUB;<br>USPAT                     | OR | ON  | 2006/02/08 10:08 |
| S11<br>5 | 0    | jp-54036925-\$.did.  | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON  | 2006/02/08 14:33 |
| S11<br>6 | 0    | jp-79036925-\$.did.  | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON  | 2006/02/08 14:33 |

## EAST Search History

|          |      |   |  |    |     |                  |
|----------|------|---|--|----|-----|------------------|
| S11<br>7 | 0    | jp-5436925-\$.did.  | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON  | 2006/02/08 14:34 |
| S11<br>8 | 1211 | ((156/189) or (156/190) or (156/191) or (156/194)).CCLS.  | US-PGPUB;<br>USPAT                     | OR | OFF | 2006/02/21 09:28 |
| S11<br>9 | 4989 | ((156/147) or (156/145) or (156/184) or (156/194) or (156/285) or (156/287) or (156/189)).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR           | OR | OFF | 2006/02/21 11:18 |
| S12<br>0 | 1301 | S119 and (inflat\$3 or expand\$3)   | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON  | 2006/02/21 09:29 |
| S12<br>1 | 4740 | ((156/292) or (156/242) or (156/184) or (156/194) or (156/191) or (156/190) or (156/196)).CCLS.   | US-PGPUB;<br>USPAT                     | OR | OFF | 2006/02/21 11:21 |
| S12<br>2 | 331  | (156/156).CCLS.   | US-PGPUB;<br>USPAT                     | OR | OFF | 2006/02/21 11:19 |
| S12<br>3 | 6582 | ((156/292) or (156/242) or (156/184) or (156/194) or (156/191) or (156/190) or (156/196)).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR           | OR | OFF | 2006/02/21 11:21 |
| S12<br>4 | 1124 | S123 and (inflat\$3 or expand\$3)   | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON  | 2006/02/28 11:42 |
| S12<br>5 | 84   | S122 and mandrel  | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON  | 2006/02/21 14:57 |
| S12<br>6 | 120  | ((623/1.25) or (623/1.27) or (623/1.28)).CCLS.  | US-PGPUB;<br>USPAT                     | OR | OFF | 2006/02/21 14:59 |
| S12<br>7 | 1304 | ((264/127) or (264/572) or (264/573)).CCLS.   | US-PGPUB;<br>USPAT                     | OR | OFF | 2006/02/21 15:00 |
| S12<br>8 | 8    | ("3631854"   "5156620"   "5370691"   "5507770"   "5524633"   "5529653"   "5534024"   "6036640").PN.   | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON  | 2006/02/21 15:12 |
| S12<br>9 | 22   | ("4195623"   "4195637"   "4271839"   "4386601"   "4508112"   "4577631"   "4649914"   "4733665"   "4739762"   "4740207"   "4762130"   "4769029"   "4774949"   "4776337"   "4787899"   "4793348"   "4795458"   "4877025"   "4955895"   "5102417"   "5156620"   "5330528").PN. | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON  | 2006/02/21 15:13 |
| S13<br>0 | 26   | ("5534024").URPN.   | USPAT                                  | OR | ON  | 2006/02/21 16:34 |
| S13<br>1 | 13   | ("2262514"   "2419054"   "3117596"   "3119415"   "3212528"   "3720556"   "3729028"   "3835890").PN.   | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON  | 2006/02/22 15:15 |

## EAST Search History

|          |    |  |                    |    |     |                  |
|----------|----|--|--------------------|----|-----|------------------|
| S13<br>2 | 8  | (("2136230") or ("2321064") or ("2621075") or ("2740427") or ("2874723") or ("2884957") or ("2918394") or ("2923954")).PN. | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/22 15:15 |
| S13<br>3 | 15 | ("3117596").URPN.  | USPAT              | OR | ON  | 2006/02/22 15:18 |